

Patent claims

1. A dermal or transdermal therapeutic system comprising a peelable protective layer, a
5 reservoir or matrix layer containing at least one active compound and a covering film having a barrier effect against gases, aromas and readily volatile substances, characterized in that the covering film is composed of at least one
10 supporting layer and at least one layer composed of an ormocer.
2. The dermal or transdermal therapeutic system as claimed in claim 1, characterized in that the
15 ormocer is obtained by the hydrolytic condensation of organically modified silicon dioxides.
3. The dermal or transdermal therapeutic system as claimed in claims 1 and 2, characterized in that
20 the supporting layer is composed of at least one organic polymer.
4. The dermal or transdermal therapeutic system as claimed in claim 3, characterized in that the
25 organic polymer is composed of low density or high density polyethylene, or of polypropylene, polyamide, polyvinyl chloride, polyvinyl ester or polyester, of a mixture of at least two of these polymers or of at least one copolymer composed of
30 at least two monomers of the abovementioned polymers.
5. The dermal or transdermal therapeutic system as claimed in at least one of the preceding claims,
35 characterized in that the supporting layer is composed of polyethylene terephthalate.
6. The dermal or transdermal therapeutic system as

claimed in at least one of the preceding claims,
characterized in that the ormocer layer has a
thickness of between 1 μm and 10 μm .

- 5 7. The dermal or transdermal therapeutic system as
 claimed in at least one of the preceding claims,
 characterized in that the ormocer layer is applied
 on the supporting layer such that it is adjacent
 to the active compound-containing layer.
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8. The dermal or transdermal therapeutic system as
 claimed in at least one of the preceding claims,
 characterized in that in each case at least one
 ormocer layer is applied on both surfaces of the
15 supporting layer.
9. The dermal or transdermal therapeutic system as
 claimed in at least one of the preceding claims,
 characterized in that it comprises a readily
20 volatile active compound.
10. The dermal or transdermal therapeutic system as
 claimed in claim 9, characterized in that the
 active compound is nicotine.